

Fig. 1 Prior Art

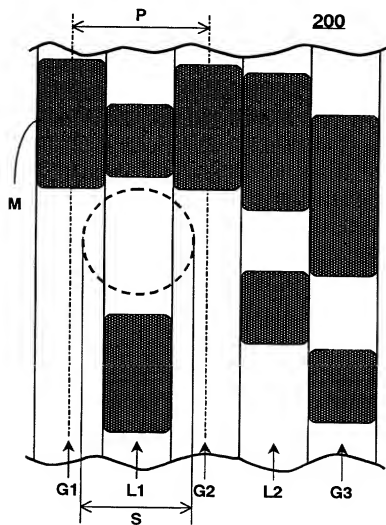


Fig. 2 Prior Art

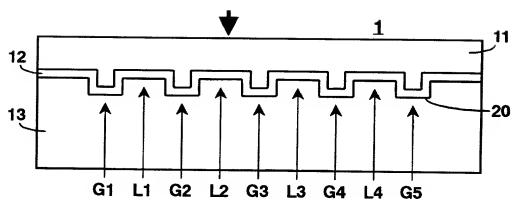


Fig. 3

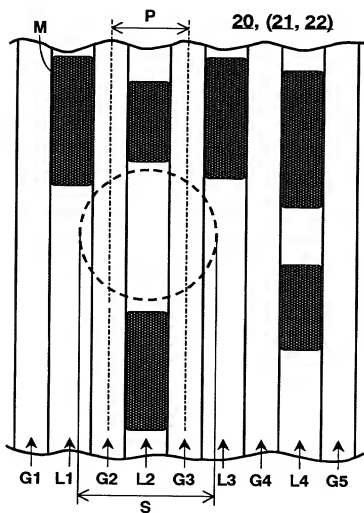


Fig. 4

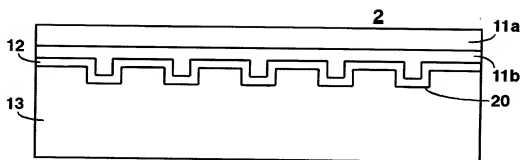


Fig. 5

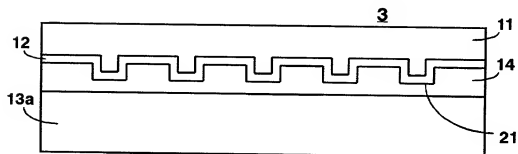


Fig. 6

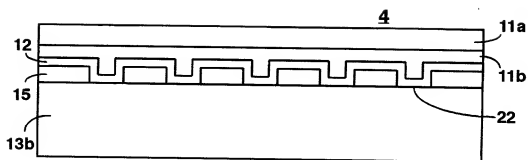


Fig. 7

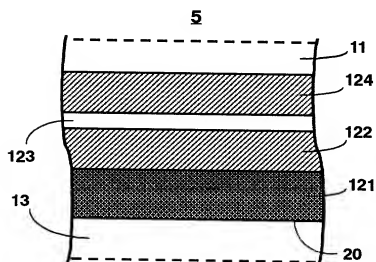


Fig. 8

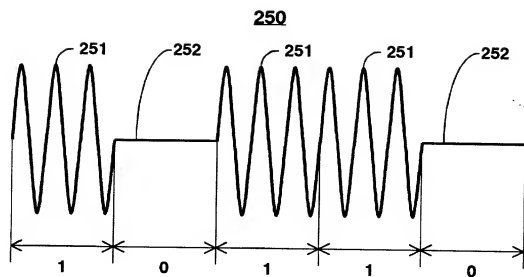


Fig. 9

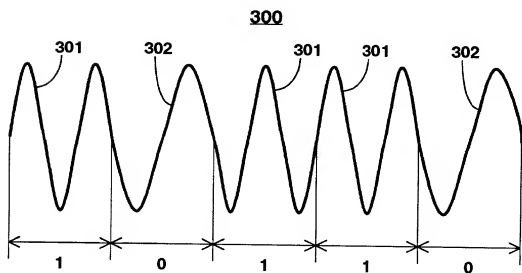


Fig. 10

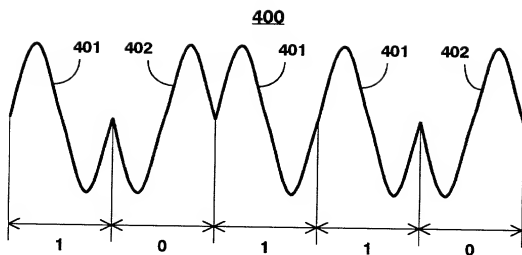


Fig. 11

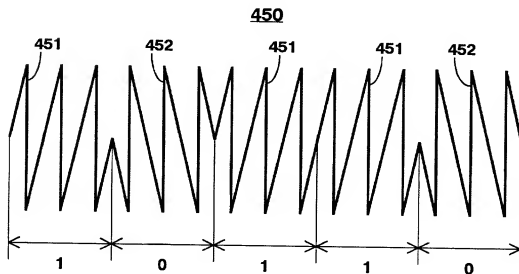


Fig. 12

Base-band before modulating	Base-band after modulated
0	00, 11
1	01, 10

Fig. 13

Base-band before modulating	1 0 0 0 0 1
Base-band after modulated	01 00 11 00 11 01

Fig. 14

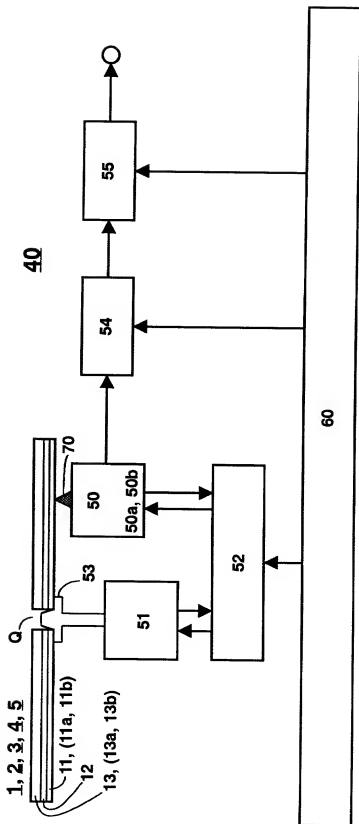


Fig. 15

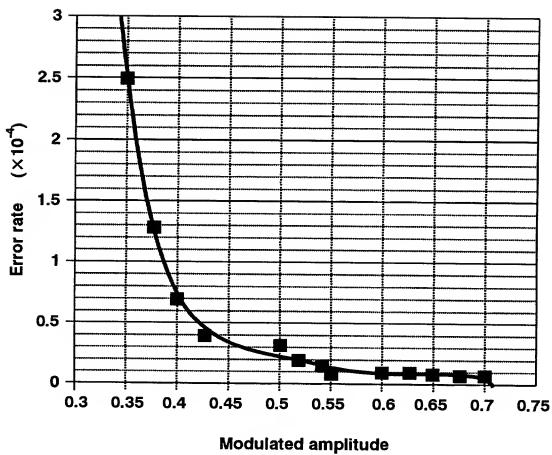


Fig. 16

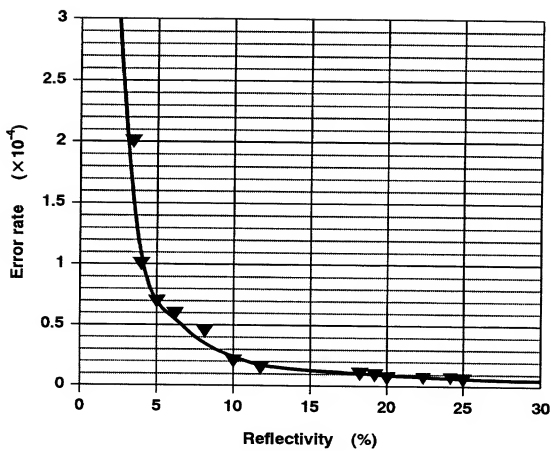


Fig. 17

	Film thickness of Reflective layer 121 (nm)	Film thickness of First protective layer 122 (nm)	Film thickness of Recording layer 123 (nm)	Film thickness of Second protective layer 124 (nm)	Reflectivity (%)	Modulated amplitude	Reproduction power at limit of deterioration (mW)	Judgment of deteriorated reproduction	Judgment of Reproduction error	Judgment of Address
Emb. 6	100	11.5	18	36	14.8	0.596	0.37	○	○	○
Emb. 7	100	10.0	16	36	12.0	0.605	0.36	○	○	○
Emb. 8	85	13.0	18	43	18.5	0.525	0.38	○	○	○
Emb. 9	85	11.5	16	43	19.7	0.527	0.38	○	○	○
Emb. 10	85	10.0	14	43	19.5	0.526	0.39	○	○	○
Emb. 11	70	13.0	16	50	22.7	0.455	0.40	○	○	○
Emb. 12	70	11.5	14	50	26.0	0.444	0.41	○	○	○
Comp. 4	100	13.0	14	36	11.0	0.685	0.34	×	○	○
Comp. 5	70	10.0	18	50	28.2	0.389	0.42	○	×	○

Note: "Emb." and "Comp." represent "Embodiment" and "Comparative example" respectively.

Fig. 18

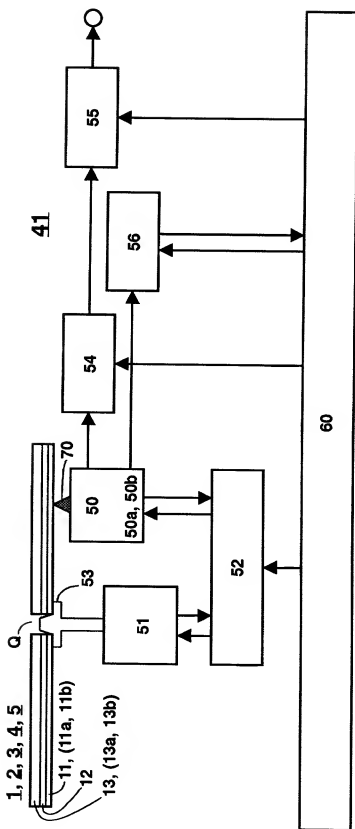


Fig. 19

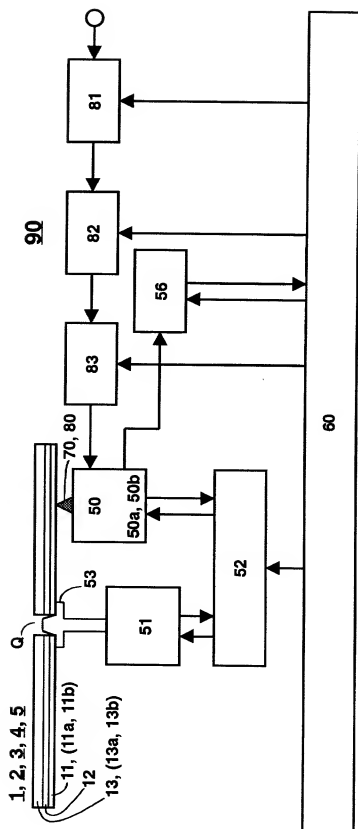


Fig. 20